

## CLAIMS

[1] An image file list display device that displays on a screen a list of a plurality of image files classified by a series of plural types, said image file list display device comprising

5 a scaled-down image display unit operable to display each of the plurality of image files as a scaled-down image which is an image scaled down from an image indicated by each image file,  
wherein said scaled-down image display unit is operable to position and display a scaled-down image corresponding to an  
10 image file that belongs to a targeted type on a targeted page, and to position and display a scaled-down image corresponding to an other image file that belongs to the targeted type or a scaled-down image corresponding to an image file that belongs to an other type lying adjacent to the targeted type, on an  
15 untargeted page having a smaller display area than the targeted page.

[2] The image file list display device according to Claim 1, further comprising

20 a classification type display unit operable to display a type where an image file corresponding to a scaled-down image displayed by said scaled-down image display unit belongs to,  
wherein said classification type display unit is operable to display, into alignment corresponding to a location of the targeted  
25 page and a location of the untargeted page on the screen, the type where the image file corresponding to the scaled-down image displayed on the targeted page belongs to and the type where the image file corresponding to the scaled-down image displayed on the untargeted page belongs to.

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[3] The image file list display device according to Claim 2, wherein said scaled-down image display unit is operable to

display the targeted page and the untargeted page in a row so that the type where the image file corresponding to the scaled-down image positioned on each page belongs to is aligned in an order of the series of plural types.

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[4] The image file list display device according to Claim 3, wherein, in the case where scaled-down images corresponding to image files belonging to a same type are positioned on a plurality of pages, said classification type display unit is operable to display the type corresponding to the pages in an area having size corresponding to the number of the pages.

[5] The image file list display device according to Claim 3, wherein said scaled-down image display unit is operable to gradually condense and display the untargeted page according to a distance between the type corresponding to the target page and the type corresponding to the untargeted page in alignment of the series of plural types.

[6] The image file list display device according to Claim 3, wherein said classification type display unit is further operable to display a targeted page index explicitly indicating a type corresponding to the targeted page from among the types displayed.

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[7] The image file list display device according to Claim 6, further comprising

a deciding unit operable to acquire point designation on the screen and decide whether the acquired point belongs to the untargeted page or not,

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wherein said scaled-down image display unit is operable to update the targeted page with an untargeted page when said

deciding unit decides the point belongs to the untargeted page, change the current targeted page to an untargeted page, and display the untargeted page, and

5       said classification type display unit is operable, when a new targeted page is displayed by said scaled-down image display unit, to update the targeted page index by corresponding to the new targeted page, and display the updated targeted page index.

[8]     The image file list display device according to Claim 7,  
10       wherein said scaled-down image display unit and said classification type display unit are operable to display a process of the update with a moving image.

[9]     The image file list display device according to Claim 6,  
15       wherein said classification type display unit is operable to align the types corresponding to the targeted page and the untargeted page in a row, and display the types,

20       said image file list display device further comprises a slider display unit operable to display a slider image having a tab, which moves in parallel with the alignment of the types according to a user's operation, and

25       wherein, in the case where the tab of the slider image is moved, said scaled-down image display unit is operable to update and display the targeted page to have the tab after being moved point a type of the targeted page.

[10]    The image file list display device according to Claim 9,  
30       wherein said scaled-down image display unit is operable to display a process of the update with a moving image.

[11]    The image file list display device according to Claim 5,  
      wherein said scaled-down image display unit is operable to

display, in the targeted page and the untargeted page,  
information indicating attribute information of each scaled-down  
image, and to display the information indicating attribute  
information even when the untargeted page is condensed and  
5 displayed.

[12] The image file list display device according to Claim 3,  
wherein, in the case where scaled-down images  
corresponding to image files belonging to a same type are  
10 positioned on a plurality of pages, said scaled-down image display  
unit is operable to display a header indicating the type on a first  
page of the plurality of pages.

[13] The image file list display device according to Claim 1,  
15 wherein said scaled-down image display unit is operable to  
position, in virtual three-dimensional space, the targeted page  
and the untargeted page where the scaled-down images are  
positioned, and to display a projection view acquired when the  
targeted page and the untargeted page are viewed from a certain  
20 view point.

[14] The image file list display device according to Claim 13,  
wherein said scaled-down image display unit is operable to  
position the targeted page and the untargeted page in virtual  
25 three-dimensional space so that the targeted page is in parallel  
with the screen and the untargeted page diagonally intersects the  
screen.

[15] The image file list display device according to Claim 14,  
30 wherein said scaled-down image display unit is operable to  
position untargeted pages in virtual three-dimensional space in a  
way that an untargeted page closer to the targeted page among

the untargeted pages comes closer to being in parallel with the screen.

[16] An image display device that displays an image indicated by an image file selected from a plurality of image files classified by a series of plural types, said image display device comprising:

the image file list display device according to Claim 1;

a selection instruction acquiring unit operable to acquire a selection instruction of a user for a scaled-down image displayed by said image file list display device; and

an image display unit operable to display an image indicated by an image file corresponding to the selected scaled-down image.

[17] An image file list display method for displaying on a screen a list of a plurality of image files classified by a series of plural types, said image file list display method comprising

a scaled-down image display step of displaying each of the plurality of image files as a scaled-down image which is an image scaled down from an image indicated by each image file,

wherein, in said scaled-down image display step, a scaled-down image corresponding to the image file that belongs to a targeted type is positioned and displayed on a targeted page, and a scaled-down image corresponding to an other image file that belongs to the targeted type or a scaled-down image corresponding to an image file that belongs to an other image file belonging to other type lying adjacent to the targeted type is positioned and displayed, on an untargeted page having a smaller area than the targeted page.

[18] A program for an image file list display device that displays on a screen a list of a plurality of image files classified by a series

of plural types, said program causing a computer to execute the step included in the image file list display method according to Claim 17.

- 5 [19] A computer-readable recording medium in which a program is recorded for an image file list display device that displays on a screen a list of a plurality of image files classified by a series of plural types,  
wherein the program according to Claim 18 is recorded.

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